FEE TRANSMITTAL

Electronic Version v08

Stylesheet Version v08.0

Title of Invention

THERMAL SHIELD TO COLDHEAD SLEEVE THERMAL CONTACT

Application Number:

Date:

First Named Applicant: Longzhi Jiang
Attorney Docket Number: GEMS 0219 PA

TOTAL FEE AUTHORIZED \$810

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$			
Utility Filing Fee	1001	770	770			
Subtotal For Basic Filing Fees: \$ 770						

EXTRA CLAIM FEES

Fee Description	Extra Claim	Fee Code	Amount \$	Fee Paid \$		
Total Claims : 20	0	1202	18	0		
Independent Claims : 3	0	1201	86	0		
Subtotal For Extra Claims Fees: \$						

ASSIGNMENT FEES

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$		
Recording Each Patent	00000000	1	8021	40	40		
Assignment Per Property Fee							
Subtotal For Additional Fees: \$40							

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 070845

Access Code ****

Deposit name: GTC

Deposit authorized name: Thomas E.Donohue

Signature: /thomas e. donohue/

Date (YYYYMMDD): 2004-04-05

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).